

GPRA 309 Performance Measures Form

Title: MARK TWAIN NATIONAL FOREST - FOREST PLAN REVISION

Principal Reviewer(s): J. COTHERN

Project Location: MISSOURI

CEQ Number(s): _____

ERP Number (optional): _____

Environmental Impacts, Alpha-Numeric Codes:

<u>Air Issues:</u>	<u>Water Issues:</u>	<u>Other Issues:</u>	<u>Other Issues:</u>
A1= Air Quality	B1: Wetlands	C1: Toxics/Hazardous Waste	D1: Farmland
A2= General	B2: Groundwater	C2: Noise	D2: Endangered Species
Conformity	B3: Surface Water	C3: Habitat	D3: Environmental Justice
A3= Air Toxics	B4: Sole Source Aquifer	C4: Essential Fish Habitat	D4: Historic Preservation
A4= Transportation	B5: Aquatic Resources	C5: Pesticides	D5: Indigenous Peoples
Conformity	B6: Sediment	C6: Radiation	E1: Other (please specify)

1. Significant Environmental Impact:

Impact (Enter Alpha Numeric Code(s) for All that Apply): A1, B3, B5, C3, C5, D2, D3, E-1

(Adaptive management especially monitoring program)* * * *

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Prior To Draft Time Frame (if available)

Date of EPA Communication: Various during

2004-2005

Description of Impact (Include Quantitative Data if Possible):

Recommendation:

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Draft (including Draft Supplements)

Date of EPA Communication: 05/05/2005

Description of Impact (Include Quantitative Data if Possible): In order of impact codes listed above: 1) Increase in prescribed burning in the absence of a State Smoke Management Plan, 2) One of the management tracts contains a CWA 303(d) listed waterbody 3) Human recreational activities (including horseback riding) may have an adverse impact on aquatic resources if use densities are exceeded and if sanitary facilities are not provided 4) Habitat management goals and objectives were planned to be homogenous across the MTNF, even though species composition differed considerably between sub-watersheds 5) DEIS did not consider the types of pesticides (and their fate and transport) used by private landowners that reside within the MTNF. 6) The Ozark Hellbender (salamander) could be adversely impacted if plan revisions do not consider factors thought to be contributing to this species decline 7) Prescribed burns could have a negative effect on EJ communities (inability to vacate downwind of burn) 8) A daptive management (AM) was listed as a feature of plan. but had scarce detail..

Recommendation: 1) EPA is working with the FS and State to create a Smoke Management Plan 2) Provided EPA approved TMDL for impaired stream fo FS 3) Recommended controls be established to prevent exceedance of usage standards 4) Provided FS with current information on species composition 5) Recommended inventory of pesticides thru dealers, county extension and other pesticide distributors 6) Recommended that FS incorporate management practices recommended by Hellbender recovery committee for land and stream reaches under their direct control 7) Recommended incorporation of an education and communications program for local dissemination. 8) Recommended that the AM plan be more completely described, to include actions to be taken on results of monitoring efforts.

Result: Decrease in Impact: ☐ No Change: ☐ Increase in Impact: ☐

Result: FS contacted EPA to obtain more definition on the recommendations. EPA expects these recommendations will be implemented.

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Final (including Final Supplements) **Date of EPA Communication:** 01/04/2006

Description of Impact (Include Quantitative Data if Possible): _____

Recommendation: _____

Result: Decrease in Impact: ☒ No Change: ☐ Increase in Impact: ☐

Result: FOREST SERVICE INCORPORATED ALL OF EPA'S
RECOMMENDATIONS, EPA WILL CONTINUE TO WORK WITH FS
TO MONITOR AND CONTROL SMOKE.